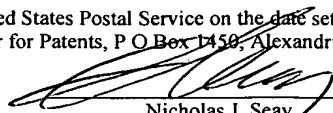


1FW\$

I hereby certify that this correspondence is being deposited with the United States Postal Service on the date set forth below as First Class Mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P O Box 1450, Alexandria, VA 22313-1450.

Date of Signature and Deposit: February 17, 2006

  
Nicholas J. Seay

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): James A. Thomson  
Timothy J. Kamp  
Yue Ma  
Jia-Qiang He

Date: February 17, 2006

Serial No.: 10/627,245

Group Art Unit: 1645

Filed: 07/25/2003

Examiner: Daniel M. Sullivan

Title: FUNCTIONAL CARDIOMYOCYTES  
FROM HUMAN EMBRYONIC STEM CELLS

File No.: 960296.99179

RESPONSE

Mail Stop Amendment  
Commissioner For Patents  
P O Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action mailed August 18, 2005 in the file of the above-identified application, please amend the application as follows:

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 3 of this paper.

**Remarks** begin on page 6 of this paper.